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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/761,904

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Chou Hsuan Tsai

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10/12/2005

PRO-TECHTOR INTERNATIONAL  
20775 Norada Court  
Saratoga, CA 95070-3018

EXAMINER

LE, THANH TAM T

ART UNIT

PAPER NUMBER

2839

DATE MAILED: 10/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

AK

<b>Office Action Summary</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	10/761,904		TSAI, CHOU HSUAN	
	<b>Examiner</b>		<b>Art Unit</b>	
	Thanh-Tam T. Le		2839	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 23 September 2005.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
  - 4a) Of the above claim(s) 5 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4, 6-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    - a) ☐ All    b) ☐ Some \*    c) ☐ None of:
      - 1. ☐ Certified copies of the priority documents have been received.
      - 2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
      - 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

## DETAILED ACTION

### *Claim Objections*

1. Claims 1, 3-4 and 7 are confusing how the horizontal pin of the first, second, third and fourth terminals are located at the same level *after the daughter base is moved vertically*.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1, 3 and 6-7, insofar as that can be understood, are rejected under 35 U.S.C. 102(e) as being anticipated by Harasawa et al. (6,623,304).

Regarding claim 1, Harasawa et al., figures 1-3 and 6, discloses an electrical connector comprising:

- a bottom base (not labeled) including a mother base (1) and a daughter base (75), wherein the mother base is formed with an opening (72), and the daughter base is contained in the opening;

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- a row of first terminals (22) attached to the mother base, each of the first terminals has an elastic contact (21) located above the mother base and a horizontal pin (not labeled) located below the mother base;
- a row of third terminals (66 at first end of the daughter base) attached to the daughter base, each of the third terminals has an elastic contact (66a) located above the daughter base and a horizontal pin (66b) located below the daughter base;
- positioning structure formed on the base and the daughter base to make the daughter base vertically movable and to horizontally restrict the daughter base in the opening of the mother base such that the horizontal pins of the first and the third terminals are located at the same level after the daughter base is moved vertically; and
- a top base (53) covering over the bottom base.

Regarding claim 3, a row of second terminals (2, figure 3) attached to the mother base, each of the second terminals has an elastic contact (not labeled) located above the mother base and a horizontal pin (not labeled) located below the daughter base, wherein the horizontal pins of the first, third, and second terminals are located at the same level after the daughter base is moved vertically.

Regarding claims 4 and 7, a row of fourth terminals (66 of another end of the daughter base) attached to the daughter base, each of the fourth terminals has an elastic contact (66a) located above the mother base and a horizontal pin (66b) located

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below the daughter base, wherein the horizontal pins of the first, third, and fourth terminals are located at the same level after the daughter base is moved vertically.

Regarding claim 6, figure 1, discloses the top base covers the bottom base to form a plurality of slots (a slot with a mounting portion (51) and a slot between reinforcing tabs (56 and 57)) with different widths, and the plurality of slots share a space.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2 and 8, in infar as that can be understood, are rejected under 35 U.S.C. 103(a) as being unpatentable over Harasawa et al. (6,623,304) in view of Yen (6,612,492).

Regarding claim 2, Harasawa et al. disclose the claimed invention above except for the positioning structure comprises pivots formed at two sides of the daughter base and pivotal holes formed on the mother base.

Yen, figure 6, discloses pivots (not labeled) formed at two sides of the daughter base (2) and pivotal holes (not labeled) formed on the mother base 42). It would have been obvious to one having ordinary skill in the art at the time the invention was made

to provide Harasawa et al. to have the positioning structure with pivots and pivotal holes, as taught by Yen, for better connection.

Regarding claim 8, it is noted that Yen, figure 6, disclose the mother base is formed with a recess (another holes located at another end of 42 with respect to pivotal holes located at one end of 42); and the daughter base is formed with a flange (another protrusion located at another end of 2 with respect to pivots located at one end of 2), which may be moved vertically in the recess.

### ***Response to Arguments***

6. Applicant's arguments with respect to claims 1-8 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

8. A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

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extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh-Tam T. Le whose telephone number is 571-272-2094. The examiner can normally be reached on 7:30-5:00.

10. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TC Patel can be reached on 571-272-2098. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

11. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Thanh-Tam T. Le  
Primary Examiner  
Art Unit 2839

TL.  
10/10/05.